



# RECTANGULAR CONNECTORS

Cable socket, self-assembly



TYPE A EN 175301-803 (DIN 43650) / ISO 4400

Product description		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35	
Description	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35		cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35	cable socket with central screw M 3 x 35
Type	<b>GDM 2016 schwarz/black</b>	<b>GDM 2009 schwarz/black</b>		<b>GDM 2009 J schwarz/black</b>	<b>GDM 2011 schwarz/black</b>	<b>GDM 2011 J schwarz/black</b>	<b>GDM 2012 J schwarz/black</b>
Order No.	934 393-100	931 965-100		931 236-100	931 957-100	932 106-100	934 441-100
Other standard types	grey housing, Order no. 934 393-106	grey housing, Order no. 931 965-106		grey housing, Order no. 931 236-106	grey housing, Order no. 931 957-106	grey housing, Order no. 932 106-106	
Number of contacts	2 + PE	2 + PE		2 + PE	2 + PE	2 + PE	2 + PE
Cable gland	M 16	PG 9		PG 9	PG 11	PG 11	1/2" NPTF
Conductor size	max. 1.5 mm <sup>2</sup>	max. 1.5 mm <sup>2</sup>		max. 1.5 mm <sup>2</sup>	max. 1.5 mm <sup>2</sup>	max. 1.5 mm <sup>2</sup>	max. 1.5 mm <sup>2</sup>
Standard	DIN EN 175 301-803-A	DIN EN 175 301-803-A		DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A	DIN EN 175 301-803-A
Housing Color	black	black		black	black	black	black
Construction type	A	A		A	A	A	A
<b>Drawing</b>							
<b>Technical data</b>							
Pin dimensions	6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm		6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm	6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm
Rated voltage	UC 250 V	UC 250 V		UC 250 V	UC 250 V	UC 250 V	UC 250 V
Rated current	16 A	16 A		16 A	16 A	16 A	16 A
Contact resistance	≤ 4 mOhm	≤ 4 mOhm		≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm	≤ 4 mOhm
Type of termination	screw	screw		screw / cable shoe / cable eye	screw	screw / cable shoe / cable eye	screw / cable shoe / cable eye
Suitable cables	4.5 mm to 10 mm diameter	4.5 mm to 7 mm diameter		4.5 mm to 7 mm (diameter)	6 mm to 9 mm diameter	6 mm to 9 mm diameter	4 mm to 11 mm diameter
Mounting	central nut	central nut		central nut	central nut	central nut	central nut
<b>Material</b>							
Contact surface material	Sn	Sn		Sn	Sn	Sn	Sn
Contact bearer material	PA	PA		PA	PA	PA	PA
Housing material	PA	PA		PA	PA	PA	PA
<b>Environmental conditions</b>							
Protection class (IEC 60529)	IP 65 (gasket necessary)	IP 65 (gasket necessary)		IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)	IP 65 (gasket necessary)
Pollution severity	3	3		3	3	3	3
Temperature range	-40 °C to +125 °C	-40 °C to +125 °C		-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C	-40 °C to +125 °C
<b>Inflammability class</b>							
Housing	94 HB	94 HB		94 HB	94 HB	94 HB	94 V0
Contact bearer	94 HB	94 HB		94 V0	94 HB	94 V0	94 V0
<b>Approvals</b>							
UR				UR		UR	UR
VDE	VDE	VDE		VDE	VDE	VDE	VDE
SEV		SEV		SEV	SEV	SEV	SEV
CSA		CSA		CSA	CSA	CSA	CSA
GL							
<b>Packaging unit</b>							
Packaging unit	200 pieces	200 pieces		200 pieces	200 pieces	200 pieces	200 pieces
<b>Scope of delivery and accessories</b>							
Accessories to order separately	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001		(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001	(NBR) flat gasket GDM 3-7, Order no. 730 801-002; (ECO) flat gasket GDM 3-21, Order no. 731 739-002; profiled gasket GDM 3-16, Order no. 731 531-002; knurled screw GDM 3011-8, Order no. 732 574-001; stainless steel screw GDM 3011 RF-1, Order no. 734 363-001